

TABLE 54. Statistical profile of doctorate recipients in physical sciences fields, by sex and field of study: 2009

Characteristic	All physical sciences fields	Chemistry	Computer and information sciences	Earth, atmospheric and ocean sciences	Mathematics	Physics and astronomy
All doctorate recipients (number)	8,331	2,398	1,611	877	1,554	1,891
	Percent					
Sex						
Male	70.4	62.5	78.2	61.5	68.7	79.5
Female	29.4	37.3	21.8	38.5	31.1	20.3
Unknown	0.2	0.3	0.1	0.0	0.2	0.2
Citizenship						
U.S. citizen or permanent resident	53.0	58.0	45.6	63.4	49.7	50.8
Temporary visa holder	42.4	37.2	48.9	33.8	45.9	44.6
Unknown	4.6	4.9	5.5	2.9	4.4	4.6
Marital status						
Never married	35.6	36.0	31.7	30.2	39.4	37.9
Married	46.0	44.4	51.4	49.5	42.5	44.5
Marriage-like relationship	6.8	7.8	4.3	9.4	7.1	6.1
Separated, divorced, widowed	1.9	1.4	2.4	2.5	2.0	1.9
Unknown	9.7	10.4	10.2	8.4	8.9	9.6
Bachelor's in same field as doctorate ^a	64.6	71.7	50.9	52.1	65.6	72.0
Master's earned	63.9	40.4	78.7	71.6	75.5	68.0
	Median years					
Age at doctorate	30.2	29.5	31.2	31.5	29.9	29.9
Time to doctorate						
From bachelor's	7.5	6.8	8.8	8.7	7.3	7.2
From graduate school start	6.7	5.8	7.6	7.3	6.7	6.7
Male doctorate recipients (number)	5,868	1,498	1,259	539	1,068	1,504
	Percent					
Citizenship						
U.S. citizen or permanent resident	52.0	56.7	46.1	60.9	50.6	50.1
Temporary visa holder	43.3	38.0	48.8	36.0	45.0	45.5
Unknown	4.7	5.3	5.1	3.2	4.4	4.4
Marital status						
Never married	35.9	35.4	33.0	26.9	40.4	38.8
Married	46.2	45.5	50.9	52.1	41.3	44.4
Marriage-like relationship	6.6	7.5	4.6	9.6	7.6	5.5
Separated, divorced, widowed	1.6	1.3	1.7	1.5	1.7	1.8
Unknown	9.7	10.4	9.7	9.8	9.1	9.6
Bachelor's in same field as doctorate ^a	64.5	71.2	52.5	49.9	67.1	71.1
Master's earned	63.8	38.9	78.7	71.6	72.8	66.8
	Median years					
Age at doctorate	30.3	29.7	31.0	31.7	29.8	30.0
Time to doctorate						
From bachelor's	7.6	7.0	8.5	8.7	7.3	7.2
From graduate school start	6.7	5.9	7.3	7.4	6.7	6.7
Female doctorate recipients (number)	2,450	894	351	338	483	384
	Percent					
Citizenship						
U.S. citizen or permanent resident	55.5	60.4	43.9	67.5	47.8	53.9
Temporary visa holder	40.3	35.8	49.6	30.2	48.0	41.4
Unknown	4.2	3.8	6.6	2.4	4.1	4.7

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Characteristic	All physical sciences fields	Chemistry	Computer and information sciences	Earth, atmospheric and ocean sciences	Mathematics	Physics and astronomy
Marital status						
Never married	35.3	37.4	26.8	35.5	37.7	34.9
Married	45.6	42.8	53.3	45.3	45.3	45.3
Marriage-like relationship	7.4	8.5	3.4	8.9	6.2	8.9
Separated, divorced, widowed	2.7	1.6	4.8	4.1	2.7	2.1
Unknown	9.1	9.7	11.7	6.2	8.1	8.9
Bachelor's in same field as doctorate ^a	65.1	72.9	45.3	55.6	62.7	76.0
Master's earned	64.4	42.8	78.9	71.6	81.8	72.9
	Median years					
Age at doctorate	30.0	29.2	31.9	31.3	30.0	29.5
Time to doctorate						
From baccalaureate	7.5	6.6	9.6	8.7	7.4	7.1
From graduate school start	6.5	5.8	8.2	7.3	6.3	6.3

^a A bachelor's degree is counted as "in the same field as doctorate" if the fields of study of a doctorate recipient's bachelor's degree and doctorate degree are both in the same major field category of the NSF field of study taxonomy. See appendix A, table A-6, for a listing of the major fields and their constituent subfields.

NOTE: Due to rounding, the sum of percentages may not equal to 100.

SOURCE: NSF/NIH/USED/USDA/NEH/NASA, 2009 Survey of Earned Doctorates.